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Standard**

ISO/IEC 19794-14

**Information technology —
Biometric data interchange
formats —**

**Part 14:
DNA data**

**AMENDMENT 1: Conformance
requirements**

*Technologies de l'information — Formats d'échange de données
biométriques —*

Partie 14: Données ADN

AMENDEMENT 1: Exigences de conformité

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This document was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 37, *Biometrics*.

A list of all parts in the ISO/IEC 19794 series can be found on the ISO and IEC websites.

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Information technology — Biometric data interchange formats —

Part 14: DNA data

AMENDMENT 1: Conformance requirements

Clause B.1

Add the following paragraph at the end of the clause:

The Biometric Conformance Test Software (BioCTS) is a freeware developed by the National Institute of Standards and Technology (NIST) to perform conformance tests for various parts of the ISO/IEC 19794 series. One of the supported International Standards is ISO/IEC 19794-14:2022. The software is available for download at <https://www.nist.gov/itl/csd/biometrics-resource-center/biometric-conformance-test-software-biocts/biocts-isoiec>.

B.2.2

Add the following text at the end of subclause B.2.2:

Within Table B.1, a differentiation between requirements and other provisions is indicated through the use of the prefixes "R-x" (requirements) and "P-x" (other provisions). Requirements are mandatory provisions, which are critical for ensuring compliance and are non-negotiable. Other provisions offer options or permissions rather than mandates, giving users discretion in certain situations.

Table B.1

Replace the table with the following:

Table B.1 — Summary of Level 1 and Level 2 requirements and options

Requirement/ Provision ID	Subclause reference	Requirement/Provision summary	Level	Status	IUT sup- port	Supported range	Test result
R-1	6.1	XML documents encoding DNA data shall validate against the XML schema definition in Clause A.1.	1	M			
P-2	6.3.1	A DNA data XML document (DnaData field) may contain a list of representations (Representations field).	1	O			
P-3	6.3.1	A DNA data XML document (DnaData field) may contain a list of pedigrees (Pedigrees field).	1	O			
R-4	6.3.2.2	In an XML document following this document, the version field shall contain major version 4 and minor revision 0.	2	M			
R-5	6.3.2.3	When communication direction is "Response", the transaction field shall contain a TransactionProcessingStatus field.	2	M			
R-6	6.3.2.3	When communication direction is "Response", the transaction field shall contain a TransactionProcessingMessage field.	2	M			
R-7	6.3.2.3	When communication direction is "Response", the transaction field shall contain a RespondingToRequestId field.	2	M			
P-8	6.3.2.4	A sending party of the DNA data XML document (SendingParty field) may contain an OrganizationCode field.	1	O			
P-9	6.3.2.4	A sending party of the DNA data XML document (SendingParty field) may contain an OrganizationPOCName field.	1	O			
P-10	6.3.2.4	A category of the sending or receiving party (PartyCategory field) may contain a UnitCategory field.	1	O			
P-11	6.3.2.4	A category of the sending or receiving party (PartyCategory field) may contain a UnitLocation field.	1	O			
P-12	6.3.2.5	A receiving party of the DNA data XML document (ReceivingParty field) may contain an OrganizationCode field.	1	O			
P-13	6.3.2.5	A receiving party of the DNA data XML document (ReceivingParty field) may contain an OrganizationPOCName field.	1	O			
R-14	6.3.3.1	When the communication direction is "Request", the representation shall contain a Request field.	2	M			
R-15	6.3.3.1	When the communication direction is "Response", the representation shall contain a Response field.	2	M			
P-16	6.3.3.1	A DNA data representation (Representation field) may contain a CaseUr- gencyIndicator field.	1	O			
P-17	6.3.3.1	A DNA data representation (Representation field) may contain a Supple- mentaryMessage field.	1	O			